

ABSTRACT OF THE DISCLOSURE

A battery residual capacity detection method capable of accurately detecting a battery residual capacity while minimizing reduction of throughput of printing apparatus. In a printing apparatus, to which the method is applied, operable with at least a battery power source, during printing on a printing medium by reciprocate-scanning a printhead mounted on the printing apparatus, a battery voltage is detected, thereby a battery residual capacity is detected. It is determined whether or not the detected battery residual capacity is equal to or less than a predetermined threshold value. In accordance with the result of determination, driving of a carriage motor to reciprocate-scan the printhead and that of a conveyance motor to convey the printing medium are controlled so as to provide a time zone where loads on the carriage motor and the conveyance motor do not overlap, and the battery residual capacity is detected in the time zone where the loads do not overlap.